



PNY Quadro RTX4000, Quadro RTX 4000, 8 GB, GDDR6, 256 bit, 7680 x 4320 pixels, PCI Express x16 3.0

NVIDIA Quadro RTX 4000 - 8 GB GDDR6 - 3 x DP - 7680 x 4320

Group	Graphics Cards
Manufacturer	PNY
Manufacturer item no.	VCQRTX4000-UPG-PB
EAN/UPC	3536403377755

Description

NVIDIA Quadro RTX 4000 combines the NVIDIA Turing GPU architecture with the latest memory and display technologies, to deliver the best performance and features in a single-slot PCI-e form factor. Enjoy greater fluidity with photorealistic rendering, experience faster performance with AI-enabled applications and create detailed, lifelike VR experiences more cost-effectively and across a broader range of workstation chassis configurations.

NVIDIA Quadro RTX 4000 features 36 RT cores to accelerate ray tracing, 288 Tensor cores to accelerate AI and 8 GB GDDR6 memory to accommodate large datasets. It is equipped with three DisplayPort 1.4 connectors with HDR support and features the latest VirtualLink connector (that can also drive a DisplayPort panel via an included USB Type-C to DP adapter) to simplify connectivity to next-gen VR HMDs. Additionally, in conjunction with NVIDIA Quadro Sync II you can deploy massive digital signage solutions with higher density and at lower cost.

Main features

General	
Graphics processor family	NVIDIA
Graphics processor	Quadro RTX 4000
Discrete graphics adapter memory	8 GB
Graphics adapter memory type	GDDR6
Memory bus	256 bit
Maximum resolution	7680 x 4320 pixels
DirectX version	12.0
OpenGL version	4.5
Interface type	PCI Express x16 3.0
Cooling type	Active

Number of fans	1 fan(s)
----------------	----------

Extended details

Design	
Cooling type	Active
Number of fans	1 fan(s)
Processor	
Graphics processor family	NVIDIA
Graphics processor	Quadro RTX 4000
Maximum resolution	7680 x 4320 pixels
CUDA	Y
CUDA cores	2304
Memory	
Discrete graphics adapter memory	8 GB
Graphics adapter memory type	GDDR6
Memory bus	256 bit
Memory bandwidth (max)	416 GB/s
Ports & interfaces	
Interface type	PCI Express x16 3.0
DisplayPorts quantity	3
DisplayPort version	1.4
Performance	
PhysX	Y
DirectX version	12.0
Shader model version	5.1
OpenGL version	4.5
HDCP	N
Dual Link DVI	N
System requirements	
Windows operating systems supported	Windows 10,Windows 10 Education,Windows 10 Enterprise,Windows 10 Enterprise x64,Windows 10 Home x64,Windows 10 IOT Core,Windows 10 IoT Enterprise,Windows 10 Pro,Windows 10 Pro x64,Windows 10 x64,Windows 7,Windows 7 Enterprise,Windows 7 Enterprise x64,Windows 7 Home Basic,Windows 7 Home Premium,Windows 7 Home Premium x64,Windows 7 Professional x64,Windows 7 Starter,Windows 7 Starter x64,Windows 7 Ultimate,Windows 7 Ultimate x64,Windows 7 x64,Windows 8,Windows 8 Enterprise,Windows 8 Enterprise x64,Windows 8 Pro,Windows 8 Pro x64,Windows 8 x64,Windows 8.1,Windows 8.1 Enterprise,Windows 8.1 Enterprise x64,Windows 8.1 Pro,Windows 8.1 Pro x64,Windows 8.1 x64
Power	
Power consumption (typical)	125 W